

AMENDMENT NO. 2 SEPTEMBER 2020

TO

IS 4398 : 1994 CARBON CHROMIUM STEEL FOR THE MANUFACTURE OF BALLS, ROLLERS AND BEARING RACES

(*Second Revision*)

(Page 1, clause 2) — Substitute the following for the existing clause:

‘2 REFERENCES

The following standards contain provisions, which through reference in this text, constitute provisions of this standard. At the time of publication the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

<i>IS No.</i>	<i>Title</i>
228 (in Parts)	Methods of chemical analysis of steel
1500 (Part 1) : 2019/ ISO 6506-1 : 2014	Metallic materials — Brinell hardness test: Part 1 Test method (<i>fifth revision</i>)
1586 (Part 1) : 2018/ ISO 6508-1 : 2016	Metallic materials — Rockwell hardness test: Part 1 Test method (<i>fifth revision</i>)
3739 : 1987	Dimensional tolerances for carbon and alloy constructional steel (<i>first revision</i>)
4163 : 2004/ ISO 4967 : 1998	Steel — Determination of content of nonmetallic inclusions — Micrographic method using standard diagrams (<i>third revision</i>)
4748 : 2009/ ISO 643 : 2003	Steels — Micrographic determination of the apparent grain size (<i>second revision</i>)
6396 : 2000	Method of measuring decarburized depth of steel (<i>second revision</i>)

<i>IS No.</i>	<i>Title</i>
8910 : 2010/ ISO 404 : 1992	General technical delivery requirements for steel and steel products (<i>first revision</i>)
11371 : 1985	Method for macroetch test of wrought steel products'

(Page 1, clause 3, line 2) — Substitute 'IS 8910' for 'IS 8910 : 1978'.

(Page 4, clause 8.1, line 2) — Substitute 'IS 1500 (Part 1)' for 'IS 1500 : 1983'.

(Page 4, clause 8.1, line 2) — Substitute 'IS 1586 (Part 1)' for 'IS 1586 : 1988'.

(Page 4, clause 9.1, line 3) — Substitute 'IS 4163' for 'IS 4163 : 1982'.

(Page 5, clause 10.1, line 5) — Substitute 'IS 6396' for 'IS 6396 : 1983'.

(Page 5, clause 10.3, line 2) — Substitute 'IS 4748' for 'IS 4748 : 1985'.

(Page 5, clause 12.1, line 1) — Substitute 'IS 11371' for 'IS 11371 : 1985'.

(Page 5, clause 14.1, line 3) — Substitute 'IS 3739' for 'IS 3739 : 1987'.

(Page 5, clause 14.2, line 2) — Substitute 'IS 3739' for 'IS 3739 : 1987'.

(Page 6, clause 14.4, line 4) — Substitute 'IS 3739' for 'IS 3739 : 1987'.

(Page 6, clause 17.4) — Substitute the following for the existing clause:

'17.4 BIS Certification Marking

The material may also be marked with the Standard Mark.

17.4.1 The product (s) conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the *BIS Act*, 2016 and the Rules and Regulations framed thereunder, and the products may be marked with the standard mark.'

(MTD 16)

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